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|  | **Biology** | **شعار-القسم** |
| **Worksheet answer -5-** |
| Feeding relationships |

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| Name: Class: 8 /……........ | |
| Book pages:480-485 | |
| **10-3-2012** | Date: |
| 8.5.1 | Core Standard number |
| 1. define some terms   Food chain – food web – producer – consumer – predator – prey - population –community – ecosystem ) | Learning Objectives  Logo + text 2 |

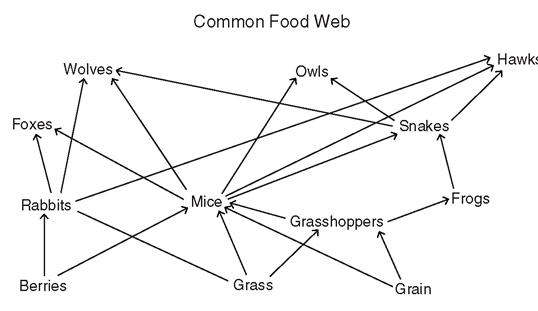
Q1:Complete the following sentences using the words in the box below.

***carnivore***  ***consumer***  ***herbivore***  ***omnivore community***

***population***  ***producer food chain ecosystem population***

1. ***Carnivore –*** *An organism that only eats other animals.*
2. ***Consumer –*** *An organism that feeds on plants or animals.*
3. ***Food chain –*** *A sequence that shows feeding relationships and the transfer of energy between organisms.*
4. ***Herbivore –*** *An organism that only eats plants.*
5. ***Omnivore –*** *An organism that eats both plants and animals.*
6. ***Population –*** *The number of organisms of a species living in a habitat.*
7. ***Producer –*** *A plant that makes food by photosynthesis.*
8. **Population**: a group of same species all living together and interacting (ex. A population of deer)
9. **Community**: all of the different living things in the same area that interact (plants, deer, foxes, racoons, etc.)
10. **Ecosystem**: all of the living and non-living things in an area

*Q2: study the following food web ,then answer the questions below.*

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1. Give ***one*** example of a producer from the above food web.

Grass

1. Give ***one*** example of a herbivore from the above food web.

rabbits

1. Give ***one*** example of a predator from the above food web.

Foxes

1. How many carnivores are there in the food web?

five carnivores

1. What do hawks feed upon?

mice – snakes - rabbits

1. Which animals feed upon mice?

foxes – wolves – owls – hawks - snakes

1. Draw a food chain from the food web which includes ***five*** organisms.

grass grasshopper frog snakes hawks

1. What was the original source of energy for the food web?

sun light